



Overheat Protector | Thermal cut-off



Current insensitive



Thermostat

Overheat Protector | Thermal cut-off



Applications:

Espresso machines,
Vending machines,
Toaster, Photo copier,
Roomheater, UPS,
Microwave, and Other
household appliances
and heating appliances.



1C4 Series

Material of Base : Thermoplastic

Contact Type : Normally Close / Normally Open

Reset Type: Auto Reset

Electrical Specification:

Electrical Ratings :

C4/1C4 Series : AC 250V/10A , AC 125V/15A

1C4A Series : AC 125V/15A

Dielectric Strength : AC 1500V , 60 sec

Insulation Resistance : 100 MΩ or more

Contact Resistance : 50 mΩ or less

Life Cycles :

C4/1C4 Series : Over 100,000 cycles under rated load

1C4A Series : Over 6,000 cycles under rated load

Thermal Specification:

Ambient Temperature : C4 Series (250°C)

Actuating Temperature :

C4 Series (Maximum 205°C)

1C4 Series (Maximum 185°C)

1C4A Series (Maximum 185°C)

Tolerance : ±3%

Differential :

C4/1C4 Series : Normally 10°C to 20°C

and other differentials can be specified

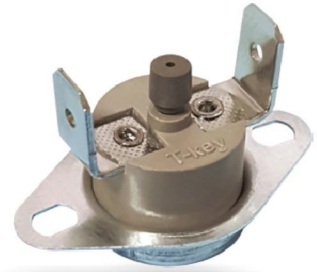
1C4A Series : Reset temperature can be specified

Other Features:

Compact dimension with high load capacity

High operating speed

Current insensitive



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Applications:

Espresso machines,
Vending machines,
Toaster, Photo copier,
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Microwave, and Other
household appliances
and heating appliances.



1C4A Series

Material of Base : Thermoplastic

Contact Type : Normally Close / Normally Open

Reset Type: Manual Reset

Electrical Specification:

Electrical Ratings :

C4/1C4 Series : AC 250V/10A , AC 125V/15A

1C4A Series : AC 125V/15A

Dielectric Strength : AC 1500V , 60 sec

Insulation Resistance : 100 MΩ or more

Contact Resistance : 50 mΩ or less

Life Cycles :

C4/1C4 Series : Over 100,000 cycles under rated load

1C4A Series : Over 6,000 cycles under rated load

Thermal Specification:

Ambient Temperature : C4 Series (250°C)

Actuating Temperature :

C4 Series (Maximum 205°C)

1C4 Series (Maximum 185°C)

1C4A Series (Maximum 185°C)

Tolerance : ±3%

Differential :

C4/1C4 Series : Normally 10°C to 20°C

and other differentials can be specified

1C4A Series : Reset temperature can be specified

Other Features:

Compact dimension with high load capacity

High operating speed

Current insensitive

C4 / 1C4 / 1C4A Series Thermostat Catalog Designation

1 C4 A - 0 2 4 - 2 0 0 - 0 1 0

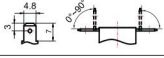
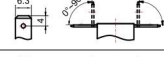
G. Differential Temperature

C4/1C4 Series : Normally 10°C to 20°C
and other differentials can be specified
1C4A Series : Reset temperature can be specified

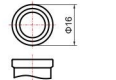
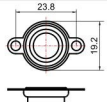
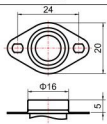
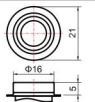
F. Actuating Temperature (Maximum operating temperature)

Model	Operating Temperature
C4	Maximum 205°C
1C4	Maximum 185°C
1C4A	Maximum 185°C

E. Terminal Type

Unit : mm			
Code	Terminal Type	Size	Drawing
1	Flat Quick connect terminal	4.8mm (0.8mm Thickness)	
2	0° to 90° Quick connect terminal	4.8mm (0.8mm Thickness)	
3	90° Quick connect terminal	4.8mm (0.8mm Thickness)	
4	Flat Quick connect terminal	6.3mm (0.8mm Thickness)	
5	0° to 90° Quick connect terminal	6.3mm (0.8mm Thickness)	
6	90° Quick connect terminal	6.3mm (0.8mm Thickness)	

D. Mounting Type

Unit : mm		
Code	Mounting Type	Drawing
1	No mounting flange	
2	Surface mounting bracket	
3	Top mounting integrated cup	
4	Regular top mounting	

C. Contact Arrangement

Code	Contact Arrangement
0	Normally close, open on temperature rise
1	Normally open, close on temperature rise

B. Type of Thermostat

Code	Function
None	Auto Reset
A	Manual Reset

A. Material of Base

Code	Material of Base
None	Ceramic
1	Thermoplastic